

MUSIAL, Lucja

POLAND

MUSIAL, Lucja

Upper Silesian Field Station, Geological Institute
(Gornoslaska Stacja Terenowa Instytutu Geologicznego)

Warsaw, Kwartalnik Geologiczny, No 3, 1966, pp 513-55.

"Preliminary Results of Research on the Sea Levels
of Grodzicki Layers in the Dabrowski Region".

MUSIAL, Lucja; TABOR, Maria

Faunal horizons of the Grodziec and Flora beds the eastern part
of the Upper Silesian Coal Basin. Kwartalnik geol 3 no.3:542-
557 '64.

1. Upper Silesian Field Station of the Institute of Geology
in Sosnowiec. Submitted September 11, 1963.

MUSIAL, M.; KOLCZYCKA, Z.; OCZKOWICZ, A.; PRACKA, H.

Comparative electrocardiographic and vectorcardiographic studies in chronic pulmonary heart syndrome. Kardiolog. Pol. 5 no.1:39-45 '62.

1. Z II Kliniki Chorob Wewnętrznych AM w Łodzi Kierownik: prof. dr J. Jakubowski.

(ELECTROCARDIOGRAPHY) (VECTORCARDIOGRAPHY)
(PULMONARY HEART DISEASE diag)

MUSIAL, M.

Brno conference on the brick industry products. Stavivo 42 no.12:
442-443 D '64.

1. Ministry of Building Prague.

WISSE, V.

TECHNOLOGY

PRINCIPAL: WISSE, Vol. 25, no. 1/8, July/Aug. 1971.

WISSE, V. Calibration of rolls of film existing in the U.S. and U.S.S.R.

Monthly List of East European Acquisitions (T-1), Vol. 1, no. 1, April, 1971, Moscow.

POL/43-15-1-8/23

18(5)

AUTHOR: Musial, Michal, Engineer

TITLE: Measuring Instruments for Checking the Rolling Process and Rolled Goods (Przyrzady kontrolno-pomiarowe stosowane przy obróbce walców i kontroli wyrobów walcowanych)

PERIODICAL: Wiadomosci hutnicze, 1959, Vol 15, Nr 1, pp 28-31 (Poland)

ABSTRACT: This article describes the most essential measuring instruments for checking the rollers during their rotation and their use; rulers, calipers, squares and back squares, keyway cutterbars and inspection gauges and templates are described. The most important checking and measuring instruments are: 1) Special rulers: a) made from steel, length from 1,000 to 1,500 mm serving to measure rolled goods; b) made from steel, length from 2,000 to 2,500 mm, serving the same purpose; 2) Calipers: a) for external measuring; b) for internal measuring; c) for external measuring, with scale; 3) Micrometer for outside diameters, with large stirrup, to measure roller diameters from 800 to 1,000 mm; 4) Rulers with dial gauges, to measure pro-

Card 1/2

POL/43-15-1-8/23

Measuring Instruments for Checking the Rolling Process and Rolled Goods

files. They are used in rolling mills for thin sheet metal to check the profiles of ground smooth rolls;
5) Squares: a) adjustable; b) adjustable, up to 10° inclination; c) with set angles, back square type; 6) Keyway cutterbars: a) composite type, from flats of 0.65 to 1 mm thickness; b) simple or plain type (for the cooper's trade); 7) Various profile gauges and templates, like those for RR and streetcar rails, angle irons, etc.;
8) Micrometers, used to measure the web of rails, etc.;
9) Templates, to check the diameter of wires, the profile of rail heads, etc. There are 10 diagrams



Card 2/2

MUSIAL, Michal, mgr inz.

The Polish metallurgical industry at the 18th International
Poznan Fair. Wlad hut 15 no.9:277-280 S '59.

MUSIAL, M.

Causes of breaking and damaging rollers with a smooth barrel during hot-and cold-rolling. p. 22

HUTNIK. (Panstwowe Wydawnictwa Techniczne) Katowice, Poland.
Vol. 26, no. 1, 1959

Monthly list of East European Accession(EEL) LC, Vol. 8 no. 7, July 1959

Uncl.

MUSIAL, Michal. mgr. inż.

Plated steel products, Wiad hut 16 no.2:50-52 P '60.

MUSIAL, Michal, mgr ins.; BANERT, Antoni

Application and utilization of cast-iron rollers. Wlad hut
16 no.7/8:225-231 J1-Ag '60.

MUSIAL, Michal, mgr inz.

Standard gauge railway rails. Wlad hut 16 no.11:346-348 II '60.

MUSIA, Michal, mgr.inz.

Causes of breaking shape rolls. Wiad hut 17 no.7/8:213-
216 J1-Ag '61.

MUSIAL, Michal, mgr inz.

Safety conditions during rolling of rolls. Wiad hut 18
no.7/8:224-226 J1-Ag '62.

MUSIAL, Michal, mgr inz.

Calibration of rolls and the problem of the roll surface wearing
out. Wiad hut 18 no.11:342-346 N '62.

MUSIAL, Michal, mgr.inz

Rolling of periodical profiles. Hutnik 29 no.1:22-26 Ja 1960.

1. Wydawnictwo Gorniczo-Hutnicze, Katowice.

MUSIAL, Michal, mgr inz. (Katowice)

Utilization of shaped rolls. Hutnik P 29 no.11:406-411 N '62.

MUSIAL, Rudolf, inz. (Bydgoszcz); STRASZEWICZ, Stefan, prof. dr

Teaching of mathematics in secondary schools. Problemy
20 no. 6: 381-383 '64.

1. Vice-president of the International Commission of
Education in Mathematics (for Straszewicz).

MUSIAL, Waldemar

The platform car, type 609-Z. Przegł kolej mechan 10 [i.e.15]
no.11:339-340 N°63.

1. Centralny Zarząd Wagonów, Warszawa.

MISIN, Waldemar

The 401 W type gondola railroad car. Przeg. Kolej. mecran.
11 (i.e. 16) no.2:48-51 P 164.

1. Central Railway Car Administration, Warsaw.

MUSIAL, W.

Blood pressure and electrocardiogram in climacterium. Polski tygod.
lek. 5 no.45:1565-1571 6 Nov 50. (CML 20:5)

1. Of the Second Clinic of Internal Diseases (Director--Prof. Jerzy
Jakubowski, M.D.) of Lodz Medical Academy.

MUSIAL, W.

Encrypta Medica Sec 16 Cancer Vol. 2/2 Feb 54

684. MUSIAL, W. 2. Klin. Chorób wewn. A.M. w Łodzi. Klinika ostrej białaczki
The clinical picture of acute leukaemia Pol. Arch. Med. wewn. 1952, 22/3 (605-626)
Illus. 12

A report on the author's material in the last 5 yr. consisting of 29 cases. In his opinion the term 'immature-cell leukaemia' is more correct than the commonly used 'acute leukaemia'. The disease had an acute course in 18 cases only; in 3 the course was sub-acute and in 8 subchronic. In 12 cases the leucocyte count reached 16,800-17,400 per cu.mm., in 7 cases it was normal and in 10 cases there was leucopenia (500-3,000 per cu.mm.). The blood picture was leukaemic in 25 cases; in 4 cases no leukaemic cells were found in the peripheral blood or they appeared transiently in very small numbers. A marked remission was seen in 4 cases after blood transfusion. After aminopterin and thiopurin, used in 3 cases, no marked improvement was observed.

Gibinski - Wrocław

[illegible][illegible][illegible]

MUSIAL, Wlodzimierz; PRACKA, Halina

Circulatory insufficiency in myocardial infarct. Kardiologia
1 no 1-2:45-48 1954.

1. Z II Kliniki Chorob Wewnętrznych AM w Łodzi. Kierownik: prof.
dr med. Jerzy Jakubowski.

(MYOCARDIAL INFARCT, complications,
congestive heart failure)

(CONGESTIVE HEART FAILURE, etiology and pathogenesis,
myocardial infarct)

MUSIAL, Włodzimierz; EDELMAN, Marek; JUDKIEWICZ, Luba; PANASIUK, Emilia

Clinical considerations on so-called lower nephron nephrosis. Polski
tygod. lek. 9 no.51-52:1618-1622 27 Dec 54.

1. Z II Kliniki Chorob Wewnętrznych Akademii Medycznej w Łodzi;
kierownik: prof. dr med. Jerzy Jakubowski.
(LOWER NEPHRON NEPHROSIS,
clin. aspects)

MUSIAL, Włodzimierz

PLACHECKA-GUTOWSKA, Maria; MUSIAL, Włodzimierz, Lodz, ul. Sterlinga, 1

Use of some cytochemical and cytoenzymatic methods in cellular diagnosis of acute leukemias. Polskie arch. med. wewn. 24 no.6: 1045-1053 1954.

1. Z II kliniki chorob wewn. Akad. Med. w Łodzi; kierownik:
prof. dr. med. J. Jakubowski

(LEUKEMIA, diagnosis
cellular, evaluation of cytochem. & cytoenzymatic
methods)

MUSIAL, Włodzimierz; EDELMAN, Marek

~~REDACTED~~

Acute nephrosis with amuria in infected abortion. Gin. polska 25
no.1:21-31 Ja-Mr '54.

1. Z II Kliniki Chorob Wewnętrznych Akademii Medycznej w Łodzi.
Kierownik: prof. dr med. J.Jakubowski.

(ABORTION, CRIMINAL, complications,

*amuria & nephrosis)

(ANURIA, etiology and pathogenesis,

*abortion, criminal, with nephrosis)

(NEPHROSIS, etiology and pathogenesis,

*abortion, criminal, with amuria)

MUSIAL, Wlodzimierz

Ligation of the inferior vena cava in chronic cardiac insufficiency. Kardiol. polska 1 no.3-4:100-106 1955.

1. Z II Klin. Chorob. Wewn. AM w Lodzi Kier prof. dr. Jerzy Jakubowski.

(VENAE CAVAE, surgery,

ligation of inferior in cardiac insuff. (Pol))

(CONGESTIVE HEART FAILURE, surgery,

ligation of inferior vena cava (Pol))

MUSIAL, Wlodzimierz

Acute renal insufficiency with azothemia (so called lower nephron syndrome). Polski tygod. lek. 10 no.31:1018-1024
1 Sept 55.

1.(Z II Kliniki Chorob Wewnętrznych A.M. Łodzi; kierownik:
prof. dr. med. Jerzy Jakubowski i z II Kliniki Chirurgicznej
A.M. w Łodzi; kierownik: prof. dr. med. Jerzy Rutkowski) Łódź,
ul. Sterlinga 7, II klin. chor. wewn. A.M.

(LOWER NEPHRON NEPHROSIS
pathol. & clin. aspect)

MUSIAL, W.; ALICHNIEWICZ, A.; HANKIEWICZ, J.

Acute renal insufficiency following surgical interventions.
Polskie arch. med. wewn. 26 no.8:1269-1272 1956.

1. Z II Kliniki Chorob Wewn. A.M. w Lodzi, Kier. prof. dr. med.
J. Jakubowski, i z II Kliniki Chirurg. A.M. w Lodzi, Kier.: prof.
dr. med. J. Rutkowski, Lodz, II Klinika Chorob Wewn. A.M.

(KIDNEY DISEASES, etiology and pathogenesis,
surg. compl. (Pol))

(SURGERY, OPERATIVE, complications,
kidney insuff. (Pol))

KOŁODZIEJSKA, Helena; MUSIAL, Włodzimierz

Studies on reversion of hemolysis in hemolytic anemias.
Polskie arch.med. wewn. 26 no.11:1713-1716 1956.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Łodzi
Kierownik: prof. dr. nauk med. J. Jakubowski, Łódź,
ul. Sterlinga 1.

(ANEMIA, HEMOLYTIC, pathology,
reversion of hemolysis (Pol))

EXCERPTA MEDICA Sec. 6 Vol. 11/7 July 57
MUSIAL W.

4078. KOŁODZIEJSKA H. and MUSIAL W. 2. Clin. Méd., Łódź. Etude sur l'hémolyse réversible dans les cas d'anémies hémolytiques. Study of a reversible haemolysis in cases of haemolytic anaemia SANG 1956, 27/5 (399-401) Tables 2

A study was made of the permeability of the membrane of erythrocytes haemolysed with distilled water and subsequently exposed to a solution of potassium chloride, 1.66 M. The potassium was determined quantitatively in the erythrocytes before and after this treatment. Erythrocytes from patients with haemolytic anaemia (congenital spherocytosis, thalassaemia major and acquired haemolytic anaemia) reacted in the same way as erythrocytes from normal subjects. Since haemolysis followed by reversion (some restoration of the membrane function following KCl ap-

4078

CONT.

plication) eliminates the differences between the osmotic resistance of the pathological erythrocytes and the normal ones. these differences depend on the physical properties of the membrane of the erythrocyte rather than on structural properties of the erythrocytes themselves

Trincão - Lisbon

MUSIAL, Wlodziemierz; PRACKA, Halina

Hand-shoulder syndrome in coronary disease. Polski tygod. lek.
12 no.25:954-957 17 June 57.

1. Z II Kliniki chorob Wewn. A. M. w Lodzi kierownik: prof. dr.
med. Jerzy Jakubowski. Adres: Lodz, II Klin. Chor. Wewn. A. M.
(CORONARY DISEASE, manifestations,
hand-shoulder synd (Pol))
(SHOULDER, diseases,
shoulder-hand dis. in coronary dis. (Pol))

MUSIAL, Wlodzimierz; KRYKOWSKI, Euzebiusz

Current treatment of acute leukemias with personal case reports.
Polski tygod. lek. 14 no.11:494-497 16 Mar 59.

1. (Z II Kliniki Chorob Wewn. A.M. w Lodzi; kierownik: prof. dr nauk med. Jerzy Jakubowski) Lodz, ul. Sterlinga 1/3. II Klin. Chor Wewn.
(LEUKEMIA, ther.
acute leukemia (Pol))

MUSIAL, Włodzimierz; KOŁODZIEJSKA, Helena; WITCZAK, Julian

A syndrome of myelosclerosis associated with leukoerythroblastic anemia. Polskie arch. med. wewn. 29 no.2:240-243 1959.

1, Z II Kliniki Chorob Wewnętrznych A.M. w Łodzi Kierownik: prof. dr. med. J. Jakubowski. Adres: Łódź, ul. Sienkiewicza 51.

(ANEMIA, LEUKOERYTHROBLASTIC, case reports,
(Pol))

MUSIAL, W.; KRYKOWSKI, E.; KOLCZYCKA, Z.; MURAWSKI, K.

Thalassemia minor in a Polish family. Polskie arch. med. wewn.
31 no.11:1541-1549 '61.

1. Z II Kliniki Chorob Wewnętrznych AM w Łodzi Kierownik: prof.
dr nauk med. J.Jakubowski i z Zakładu Biochemii Instytutu Hematologii
w Warszawie Kierownik: doc. dr med. K.Zakrzewski.
(ANEMIA ERYTHROBLASTIC case reports)

MUSIAL, Wlodzimierz

Anemia as a syndrome preceding the development of acute leukemia. Pol.
arch. med. wewnet. 32 no.1:59-67 '62.

1. Z II Kliniki Chorob Wewnetrznych AM w Lodzi Kierownik: prof. dr
nauk med. J. Jakubowski.

(LEUKEMIA blood) (ANEMIA etiol)

MUSIAL, W.; PRACKA, H.

Value of vectorcardiography in the diagnosis of ventricular hypertrophy in acquired cardiac defects. Kardiol. pol. 6 no.2:97-103 '63.

1. Z II Kliniki Chorob Wewnętrznych AM w Łodzi P.o. kierownika:
prof. dr W. Musiał.

(HEART ENLARGEMENT) (VECTORCARDIOGRAPHY)
(DIAGNOSIS)

MUSIAL, W.; EKIEL, J.; PRACKA, H.; FILAR, J.; A.

A simple system of vectorcardiographic leads for recording the total electrical function of the heart. Kardiol. pol. 1964; 291-298 '64

1. Z II Kliniki Chorob Wewnętrznych Akademii Medycznej w Łodzi (Kierownik: prof. dr. W. Musiał).

FKIEL, J.; MUSIAL, W.; PRACKA, H.; OCZKOWICZ-FILANOWICZ, A.

Value of vectorcardiograms recorded with the use of an electrode network. Kardiol. Pol. 7 no.3:199-209 J '64.

1. Z II Kliniki Chorob Wewnętrznych Akademii Medycznej w Łodzi (Kierownik: prof. dr W. Musiał).

GRENDA, Jozef; MUSIAI, Wojciech Wacław; STERNIK, Edward

Partial left relaxation of the diaphragm complicated by hemorrhage from the upper digestive tract. Wiad. lek. 18 no. 21:Suppl. 867-70 15 N ' 65.

1. Z Oddziału Chirurgicznego Szpitala Wojskowego w Kielcach (Ordynator: dr. med. J. Grenda).

L 00711-67 EWP(f)/T EDN/WW/DJ

ACC NR: AP6017817

SOURCE CODE: PO/0008/65/000/012/0306/0310

AUTHOR: Mnial, Wlodzimierz (Master engineer)

ORG: None

TITLE: Use of vector analysis for designing the mechanism of high-pressure fuel pumps used for feeding turbine engines 37

SOURCE: Technika lotnicza, no. 12, 1965, 306-310

TOPIC TAGS: engine fuel pu., turbine engine, vector analysis

ABSTRACT: The author considers the use of vector analysis for calculating three-dimensional mechanisms. The basic principles of fundamental vector analysis are reviewed and the method is illustrated by calculating the forces and moments acting on the individual elements of a high-pressure fuel pump used for supplying a turbine engine. A table is given summarizing the important properties of scalar and vector products and the results of multiplication of a vector by a number. A method is given for expansion of complex formulas in trigonometric series for more convenient calculation. Orig. art. has: 2 figures, 1 table, 16 formulas.

SUB CODE: 21/ SUM DATE: 00Feb63/ SOV REF: 003/ OTH REF: 001

Card 1/1 vlr

MUSIAL, Wojciech Wacław

Variations of the terminal insertions of the anterior and posterior tibial muscles in man. Folia morphol. 22 no.3: 247-256 '63

1. Zakład Anatomii Opisowej i Topograficznej, Akademia Medyczna, Kraków. Kierownik: doc.dr.med. J.Sokolowska-Pituchowa.

*

MUSIAL, Wojciech Wacław

Myosarcoma of the colon. Polski przegl. chir. 35 no.6:629-631
'63.

1. Z II Kliniki Chirurgicznej AM w Krakowie Kierownik: prof.
dr J. Oszacki i z Instytutu Onkologii w Krakowie Kierownik:
doc. dr H. Kolodziejaska.

(MYOSARCOMA) (COLONIC NEOPLASMS)
(SURGERY, OPERATIVE)

SOKOŁOWSKA-PITUCHOWA, Janina; MUSIAL, Wojciech Wacław

Various developmental disorders in autopsy material from the period 1925-1939 and 1945-1959. Pat. Pol. 15 no.1:73-82
Ja-Mr'64.

1. Z Zakładu Anatomii Opisowej i Topograficznej AM w Krakowie
(kierownik: doc.dr.J.Sokolowska-Pituchowa) z Zakładu Anatomii
Patologicznej AM w Krakowie (kierownik: prof.dr. J.Kowalczykówna).

MUSIALEK, Helena, mgr. inż.

Noises of ventilation installations. (To be contd.). Mechanik
35 no.6:336-340 Je '62.

1. Zakład Badania Drgan, Centralny Instytut Obrabiarek Przemysłowych,
Warszawa.

MISIALEK, Helena, mgr. inz.

Noises of ventilation installations. *Mechanik* 35 no.7:400-402
J1 '62.

1. Zakład Badania Drgan, Centralny Instytut Obrabiarek
Przemysłowych, Warszawa.

MUSIALEK, J. (Krakow)

Oscillation of the solutions of a certain class of
polyharmonic equations. Roczniki matematyczne 8 no.1:115-119 1976.

Generalization of Osserman's theorem concerning the
differential inequality $\Delta u \geq f(u)$. Ibid. 121-131

MUSIALEK, Krzysztof

Testing of ceramic sinters produced abroad. Mechanik 35 no.12:685-
686 D '62.

MUSIALEK, W.

POL.

3112 686.16.013.5(47)
Musialek W. Suggestions to the Polish Metallurgical Industry Resulting
from Progress in Soviet Steelmaking.

"Osiągnięcia stalownictwa rodzimego i wskazania ścieżki wypły-
wające dla naszego hutnictwa". Hutnik. No. 11, 1953, pp. 330-341, 1 fig.
7 (abs).

On the basis of observations made during inspection of steel works
in the Soviet Union, the author comments on the problems relating to
charge and refractory materials, fuel, automaticity of combustion pro-
cesses, rapid melting, slag control and competition in open hearth ope-
rations, and points out the technological details of the melting process
which play an important part in the success of Soviet steelworkers.
Among innovations now being introduced in steel works in the Soviet Union
the author mentions — the application of oxygen, cooling of open
hearth furnaces by the use of evaporation heat, ingot casting of killed
steel under pressure with the aim of diminishing the losses in tiders,
etc. In conclusion, the author considers the problems, which will, when
adequate hearth maintenance in open hearth furnaces, proper charge
calculation and the contingent slag control.

M 81

MUSIALIK, M.

The control laboratory of a cement factory today and tomorrow
p. 244.

Some experiments of Soviet factories in the reconstruction of rotary
kilns. p. 248. (Panstwowe Wydawnictwa Techniczne) Kradrow

Vol. 10, no. 11, Nov. 1954 CEMENT, WAPNO, GIPS

SOURCE:

East European Accessions List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956

MUSIALIK, M.

POL .

Preparation and calcination zone and its influence on the output of rotary kilns. Mieczyslaw Musialik. *Cement-Wapno-Gips* 11(20), 5-9(1958). The preparation and calcination zone (I) of the rotary kiln is the zone located between the chain zone and the sintering zone. In I the rest of the water is evapd. and CaCO_3 is calcined. A method of calcn. is given: $Q \approx qz$, where $q \approx 0.318 \frac{\text{N}}{\text{N} + 1} \tan \alpha$, $Q \approx \lambda F (T_1 - T_2)/s$, where $Q \approx$ heat (in kcal.) required to dry and calcine the material, occupying 1 m. of the length of I, $q \approx$ heat absorbed by the above unit. of material in kcal./hr./m., $z \approx$ length of I in m., $t \approx$ hrs., $N \approx$ r.p.m., $d \approx$ diam. in m., $\tan \alpha$ depends on the raw material and kiln inclination, $\lambda \approx$ heat-transfer coeff., $s \approx$ thickness of the layer in m., $F \approx$ surface in sq. m. of material occupying the length of 1 m. in I, and $T_1 - T_2 \approx$ temp. difference between the heat source and the material. Thus for a material which enters I and has a compn. CaCO_3 74, $\text{Al}_2\text{O}_3 \cdot 2\text{SiO}_2 \cdot 2\text{H}_2\text{O}$ 15.2, SiO_2 6, and H_2O 4.8% the required heat is 578,734 kcal./kg. for a clinker output of 8.3 tons/hr. and I of 2.1 internal diam., inclination 5%, $\lambda \approx 1.10$, $T_1 - T_2 \approx 691^\circ$, $\tan \alpha \approx 0.075$, $N \approx 0.7692$, $Q \approx 355,080$, bulk d. of material ≈ 1.35 , $q \approx 4677.8$, and $z \approx 41.67$ m. F. J. Hendel

MUSIALIK, MIECZYSLAW

Mett's Absorption of ash by clinker during burning (in cement kiln). Mieczyslaw Musialik (Katedra Tech. Materiałow Wlasczych AGH, KRAKOW, Poland). Cement-Wapno-Gips 13(22), 12-15(1967).—Absorption of different components of ash by clinker during the calcination is different for each component. The absorption depends on the construction of the rotary kiln. The kilns which have no heat exchangers absorb some of the components of ash more evenly. M. believes that the main reason for an ununiform or uniform absorption of ash components in rotary kilns lies in MgO content. MgO and also oxides of heavy metals form during burning a liquid phase which absorbs the ash component. Presence of a greater amt. of MgO in the raw material prevents inclusion of Fe_2O_3 from magnesite bricks (of the kilns) into the clinker. In case Fe_2O_3 migrates from these bricks to the clinker the absorption of ash components is very ununiform. F. J. Hendel

MURKIN, MIECZYSLAW

Influence of addition of sulfite liquors on dusting of granules during production of portland clinker. Mieczysław Murkin and Jan Dybel (Akad. Górniczo-Hutnicza, Kraków, Poland). *Cement-Wapno-Gips* 13(22), 48-51 (1967). — The waste sulfite liquors from paper mills contg. approx. 80 g./l. of dry matter was added in a 3% amt. to small batches of raw material slurry. The mixt. was then dried and extruded to form granules. The granules were dried at 180° and then tested in a porcelain mill for attrition. The authors found that the addn. of waste sulfite liquor from paper mills reduces the amt. of water in the slurry of cement raw materials (wet process) and increases the strength of granules against attrition and thus reduces the amt. of dust. The authors advise also the use of evapd. waste sulfite liquor in the dry process of burning clinker. Such a method should also reduce the dusting problem in the dry process.

F. J. Hendel

MUSIALIK, MIECZYSLAW

POLAND / Chemical Technology. Chemical Products and H
Their Application. Ceramics. Glass. Binding
Materials. Concretes.

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 65208

Author : Musialik Mieczyslaw, Krysinski Henryk

Inst :

Title : The Influence of the Addition of Sulfite-Alcohol
Malt Grains on the Mechanical Properties of Gran-
ules of A Cement Raw-Material Flour

Orig Pub: Cement. Wapno. Gips, 1958, 14, No 2, 25-29

Abstract: The granule formation in a rotating furnace is of
great importance for the firing of the clinker.
It depends on such factors as the plasticity of
the raw-material flour, quantity of added water,
structure of the granule, method of granulation,
etcetera. The quality of the granule can be increased by

Card 1/2

POLAND / Chemical Technology. Chemical Products and
Their Application. Ceramics. Glass. Bind-
ing Materials. Concrete.

H

Abs Jour: Ref Zhur-Khimiya, No 12, 1959, 43191.

Author : Musialik M.

Inst : Not given.

Title : Effect of Dust Addition on the Properties of
Cement.

Orig Pub: Cement. Wapno. Gips, 1958, 14, No 7-8, 145-149.

Abstract: The recycling of cement dust recovered from the
cement ovens back into the process together with
raw materials usually causes formation of the slag
rings. In connection with the above, the possibil-
ity of dust addition recovered from the electrical
precipitators into the grinding mill or directly
into cement was studied. It was established that

Card 1/2

MUSIALIK, Mieczyslaw: OSSOLINSKA, Zofia

Influence of sulfite waste liquor on the drying rate of cement slurry
and the porosity of dried slurry nodules. Ceramika no.3:67-75 '59.

(EEAI 9:9)

1. Katedra Technologii Materialow Wiazacych AGH
(Cement) (Sulfite liquor) (Building materials)

COUNTRY : Poland
 CATEGORY :
 ABB. JOUR. : ZEMBLA, 3. 15 1954, 2.
 AUTHOR :
 TITLE : The Regulation of the Firing of the Clinker
 ORIG. PUB. : Cement-Wapno-Gips, 19, 10, 11, 12 (1954)
 ABSTRACT : The author relates experience with the application of the petrographic method for the determination of free CaO in the clinker in the regulation of the firing of the latter. The method is based on the determination of losses during the firing in sections of roasted clinker (4 mm thick sections, prepared in 96% alcohol and dried at 100°C). The difference between the results from the two determination methods represents the quantity of water absorbed by the free CaO. Multiplication of this value by 0.111 gives the free CaO content.
 B. Levman

CARD: 1/1

MUSIALIK, Mieczyslaw, mgr.

The porosity of granules of raw material conditioned by addition of sulphite waste liquor. Cement wapno gips 16/26 no.8/9:245-249 '61.

1. Katedra technologii Materialow Wiazacych Akademii Gorniczo-Hutniczej, Krakow.

(Sulfite liquor)

MUSIALIK, Z.; AUGUSTYN, J.; LEDNOR, J.

Steel constructions, their application and the prospects of development. p. 1-5.

PROBLEMY PROJEKTOW HUTNICZYCH. (Biuro Projektow Przemyslu Hutniczego, Biuro Projektow Przemyslu Stalowego i Biuro Projektow Przemyslu Metalowego) Gliwice, Poland. Vol. 1, no. 4, Apr. 1961.

Monthly List of East European Accessions (EEAI), LC, Vol. 1, no. 1, Apr. 1961.

Uncl.

MUSIALIK, Z.

General principles of long-term works in steel metallurgy. p. 131.

PROBLEMY PROJEKTOW TECHNICZNYCH. (Biuro Projektow Przemyslu Hutniczego, Biuro Projektow Przemyslu Stalowego i Biuro Projektow Przemyslu Metalowego) Gliwice, Poland. Vol. 6, no. 5, May 1958.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 2, Aug. 1956.

Uncl.

ZIELENIOWSKI, Jerzy; MUSIALOWA, Maria

Behavior of some morphological elements of the blood during
adrenal regeneration in Sprague-Dawley rats. Endokr. Pol.
16 no.4:425-430 J1-Ag ' 65.

1. Katedra i Zaklad Endokrynologii AM w Lodzi (Kierownik:
prof. dr. T. Pawlikowski).

ZARFEM, ADAMOWICZ, Jacek

Studies on the pathomechanism of steatorrhea syndrome. Pol. tyg.
lek. 20 no.28:1029-1031 12 J1 '65.

1. Z Kliniki Chorob Dzieci Slaskiej AM w Zabrze (p.o. Kierownika:
doc. dr. med. Bozena Hager-Malecka).

MUSIATOWICZ, J.; KRZYDLEWSKA, Jadwiga; KRZYDLEWSKI, Stanisław;
Krzysztof, Marian

thrombelastographic evaluation of the blood-clotting system and
fibrinolysis after gynecological operations. Pol. tyg. lek. 20
no.31:1147-1150 2 Ag '65.

1. Z II Kliniki Położnictwa i Chorob Kobietych AM w Białymstoku
(Kierownik: doc. dr. med. J. Musiatowicz).

LATELLO, Z.; DANCEWICZ, A.M.; MUSIALOWICZ, T.

Effect of ionizing radiation on the blood clotting in vitro. Acta biochem. polon. 5 no.3:225-233 1958.

1. Institute of Nuclear Research, Department of Health Protection and
Institute of Haematology, Laboratory of Clinical Biochemistry, Warszawa,
Chief: doc. dr. E. Kowalski.

(BLOOD COAGULATION, effect of radiations,
x-rays in vitro (Pol))

(ROENTGEN RAYS, effects,
on blood coagulation in vitro (Pol))

37,3400

S/058/62/000/000/000/000
A062/A101

AUTHORS: Musiałowicz, T., Wysopolski, J.

TITLE: Personnel monitoring service in Poland during the year 1960

PERIODICAL: Referativnyy zhurnal, Fizika, no. 1, 1963, 65, abstract 1A561
("Rept. Centr. lab. ochrony radiol.", 1961, no. 8, 10 pp., Ill.,
English, summaries in Polish and Russian)

TEXT: Statistical data are reported on personnel monitoring in Poland during the year 1960 by the method of film dosimetry. The control concerned doses received by people working with open preparations, with closed γ -emitters containing > 10 milligram-equivalent of radium, with closed β -emitters, containing > 1 millicurie at a β -spectrum maximum energy higher than 0.5 MeV, and with neutron sources creating at a distance of 0.5 m a dose strength higher than 30 millirem/hour (rem - roentgen equivalent man). 1,573 people received a dose < 0.5 roentgen, 217 - from 0.5 to 1.5 roentgen, 208 - from 1.5 to 5 roentgen, 39 - from 5 to 12 roentgen, and 5 - more than 12 roentgen. Among those who received more than 5 roentgen there were 19 men and 25 women from which 28 people

JB

Card 1/2

Personnel monitoring service in...

S/058/63/00/001/029/10
A062/A101

were 18 - 30 years old, 12 - from 31 to 40 years, 3 - from 41 to 50, and 1
older than 50 years.

K. Aglintsev

VB

[Abstracter's note: Complete translation]

Card 2/2

MUSIALOWICZ, Tadeusz

Maximum permissible doses of ionizing radiations. Pol. przegl. radiol.
26 no.3:241-249 '62.

1. Krajowy Komitet Ochrony Radiologicznej.

(RADIOMETRY)

MUSIALOWICZ, Tadeusz; WYSOPOLSKI, Juliusz

Determination of personal x-ray dose and radiation energy by
the dosimeter film method. Nukleonika 8 no.3:191-201 '63.

1. Zentrallaboratorium for Strahlenschutz, Warszawa.

L 29944-66

ACC NR: AP6005981

SOURCE CODE: PO/0058/65/029/005/0579/0582

AUTHOR: Musialowicz, Tadeusz (Warsaw)

33
E

ORG: National Committee for Radiation Protection (Krajowy Komitet Ochrony Radiologicznej)

TITLE: Changes in the maximum permissible doses of ionization radiation¹⁹ in the light of the latest recommendations of the ICRP (International Commission on Radiological Protection)

SOURCE: Polski przeglad radiologii i medycyny nuklearnej, v. 29, no 5, 1965, 579-582

TOPIC TAGS: radiation hazard, radiation dosimetry, radiation damage, radiation sickness

ABSTRACT: This article is concerned in substance with the changes in the maximum permissible doses of ionization radiation following from the most recent recommendations of the ICRP. The ICRP was also interested in determining the maximum permissible doses of internal radiation for persons exposed directly to

Cord 1/2

L 29944-66

ACC NR: AP6005981

radiation in whom contamination of the organism by the accumulation, over a long period of time, of radioactive nuclides in the bones has been established. Several recommendations are made by the "Commission." Orig. art. has 2 tables.

SUB CODE: 06/ SUBM DATE: 28Jan65/ ORIG REF: 001/ OTH REF: 005

Card 2/2 CC

POLAND

Radiology

PO/0058/65/029/005/0579/058

AUTHOR: Musialowicz, Tadeusz (Warsaw)

ORG: National Committee for Radiation Protection (Krajowy Komitet Ochrony Radiologicznej)

TITLE: Changes in the maximum permissible doses of ionization radiation in the light of the latest recommendations of the ICRP (International Commission on Radiological Protection)

SOURCE: Polski przeglad radiologii i medycyny nuklearnej, v. 29, no 5, 1965, 579-582

TOPIC TAGS: radiation hazard, radiation dosimetry, radiation damage, radiation sickness

ABSTRACT: This article is concerned in substance with the changes in the maximum permissible doses of ionization radiation following from the most recent recommendations of the ICRP. The ICRP was also interested in determining the maximum permissible doses of internal radiation for persons exposed directly to
1/2

MUSIALOWICZ-MOLDAWA, H.

The need of research on railrad investments. p. 57.
PRZEGLAD KOLEJOWY, Warszawa. Vol 8, no. 2, Feb. 1956.

SOURCE: East European Acession List (EEAL) Library of Congress
Vol. 5, no. 8, August. 1956.

MUSIALSKI, H., mgr 147.

Conference on power losses in electric lines. Energetyka Pol
19 no. 1:25-38 Ja 1955.

MUSIALSKI, Ignacy, mgr inz.

Review of publications. Przegl gorn 20 no.10:516-517
O '64.

MUSIATOWICZ, Jozef, Bialystok, Klinika poloznicza A.M.

Pathogenesis and therapy of abortion. Wiadomosci lek. 7 no.11:
557-563 Nov 54.

(ABORTION
pathogen. & ther.)

MUSIATOWICZ, Jozef

Early ambulation following labor. Polski tygod. lek. 9 no.46:
1481-1484 15 Nov 54.

1. Z Kliniki Poloznictwa i Chorob Kobietych Akademii Medycznej
w Gdansk, kierownik: prof. dr med. Henryk Gromadzki i p.o.
kierownika doc. dr med. Stefan Soszka.

(PUERPERIUM

early ambulation)

MUSIATOWICZ, Jozef; WAREJKO, Stanislaw.

Therapeutic and diagnostic applications of pneumoperitoneum.
Polski tygod.lek.10 no.49;1590-1594 5 Dec. '55.

1. Z Kliniki Poloznictwa i Chorob Kobietych Akademii Medycznej
w Bialymstoku; kierownik: prof. dr med. Stefan Soszka)
Bialystok, Kl.Polozn.i Chor.Kob. A.M. ul Warszawska 15.
(PNEUMOPERITONEUM, ARTIFICIAL,
diag. & ther. use, review)

MUSIATOWICA, Jozef; WAREJKO, Stanislaw

Clinical value of *gynecography*. *Gin. polska* 28 no.3:299-307
May-June 57.

1. Z Kliniki Poloznictwa i Chorob Kobietych A.M. w Bialymstoku
Kierownik: prof. dr. med. S. Soszka. Adres: Klinika Chorob
Kobietych i Poloznictwa A.M. Bialystok, Warszawska 15.
(GENITALIA, FEMALE, radiography
gynecography, technic & diag. value (Pol))

MUSIATOWICZ, Jozef; OBRZUT, Alfons Ambrozy

Problem of congenital infections of the newborn. Polski tygod. lek.
13 no.13:472-475 31 Mar 58.

1. Z Kliniki Poloznictwa u Chorob Kobietych kier. prof. Stefan Soszka
i z Zakladu Medycyny Sadowej Akademii Medycznej w Byalinstoku kier. doc.
Maria Byrda.

(LUNGS, abscess
congen., in newborn (Pol))
(INFANT, NEWBORN, dis.
lung abscess, congen. (Pol))

MUSIATOWICZ, Jozef, WAREJKO, Stanislaw

Parietography in gynecological diseases. Polski przegl. radiol.
22. no.2:97-102 Mar 58

1. Z Kliniki Poloznictwa i Chorob Kobietych A.M. w Bialymstoku.

Kierownik: prof. dr med. S. Soszka.

(GYNECOLOGICAL DISEASES, diag.

x-ray diag., parietography, indic. & technics (Pol))

MUSIATOWICZ, Jozef; WAREJKO, Stanislaw

On the utility of x-ray examination in the evaluation of developmental defects of the female reproductive organ. Gyn.polska 31 no.4: 469-473 J1-Ag '60.

1. Z Kliniki Położnictwa i Chorob Kobiectych A.M. w Białymstoku
Kierownik: prof. dr med. S.Soszku.
(UTERUS abnor.)

MUSIATOWICZ, Jozef; WICINSKI, Ryszard

▲ parturition observation card (method of graphical presentation of phenomena occurring during parturition). Gin.polska 31 no.4: 475-481 J1-Ag '60.

1. Z Kliniki Położnictwa i Chorob Kobięcych A.M. w Białymstoku
Kierownik: prof. dr med. S.Soszka.
(LABOR physiol.)

MUSIATOWICZ, Jozef; PROBLEWSKI, Marian; SKRZYDLEWSKI, Zdzislaw;
BIELECKI, Marian; JEFUTA, Jan

Thrombelastographic evaluation of the treatment of menorrhagia
using epsilon-aminocaproic acid. Ginek. Pol. 36 no.3:293-298
Mar '65.

1. Z II Kliniki Położnictwa i Chorób Kobietych AM w Białymstoku.
(Kierownik: doc. dr. med. J. Musiatowicz).

SOSZKA, Stefan; MUSIATOWICZ, Jozef; GULANOWSKA, Helena

Results of surgical and combined methods of the uterine cervix cancer treatment. Ginek. Pol. 36 no.10:1159-1164 0 '65.

1. Z I Kliniki Poloznictwa i Chorob Kobietych AM w Bialymstoku (Kierownik: prof. dr. med. S. Soszka), z II Kliniki Poloznictwa i Chorob Kobietych AM w Bialymstoku (Kierownik: doc. dr. med. J. Musiatowicz) i z Wojewodzkiego Osrodka Onkologicznego w Bialymstoku (Kierownik: lek. med. H. Gulanowska).

MUSIATOWICZ, Jozef; WROBLEWSKI, Marian; GULANOWSKA, Helena;
SKRZYDLEWSKI, Zdzislaw

Thromboelastographic investigations in cases of the uterine
cervix cancer. Ginek. Pol. 36 no.10:1113-1116 O '65.

1. Z II Kliniki Położnictwa i Chorob Kobietych AM w Białym-
stoku (Kierownik: doc. dr. med. J. Musiatowicz).

MOSIA TOWICZ II

Distr: 4F1/4E4F/4E3d/4E4b

Heat transmission in a liquid as a function of velocity and region of flow. Tadeusz Mieszkowski (Univ. Lodz, Poland). *Łódź, Towar. Nauk., Prace III, No. 28, 62 pp. (1954).*—The rate of heat transfer from an electrically heated Ni wire (0.15 mm. in diam.) mounted along the axis of a pipe 4 mm. in diam. to H₂O flowing through the pipe was detd. over the range of Reynolds number, Re, 170-5000. The temp. distribution along the wire is given by the relation $T = T_0(1 - \frac{x}{l})\sqrt{K} - \frac{x}{l}\sqrt{K}/(1 - \frac{x}{l}\sqrt{K})$ where T is the temp. of the wire at the distance x from the reference end, T_0 is the av. temp. of the wire, l is the length of the wire, $K = 0.239 \cdot R/\lambda a^2 T$, λ is the thermal cond. of the Ni, and a is the radius of the wire. The temp. is essentially const. along the wire except for a short section at each end. The heat-transfer coeff. from the wire to the flowing water, h , is then correlated by the relationship: $h = 0.0317 \text{ Re}^{0.4}$, for laminar flow ($\text{Re} \leq 2340$). For the transition region between laminar and turbulent flow ($2340 \leq \text{Re} \leq 5000$) no functional relationship was obtained. By extrapolation of the laminar curves beyond $\text{Re} = 2340$ and of the turbulent curves below $\text{Re} = 10,000$, and comparison with exptl. values, the limits of extrapolation have been established for $\text{Re} = 3000, 4000$, and 5000 . Werner Jacobson

b
4

11.

JE

JEZYNA, Czeslaw; MUSIATOWICZ-JEZYNA, Ryta; KOLOSOWSKI, Zygmunt

Attempted evaluation of the diagnostic significance of the erythrocyte agglutination reaction (heterohemagglutination) in infectious hepatitis. Pol. tyg. lek. 17 no.2:41-45 8 Ja '62.

1. Z Kliniki Chorob Zakaznych AM w Bialymstoku; kierownik: doc. dr med. Piotr Boron.

(HEPATITIS INFECTIOUS blood) (HEMACGLUTINATION)

URSYN-NIEMCEWICZ, Witold; MUSIATOWICZ-JEZYNA, Rita

Excretion of 17-ketosteroids in the urine of tuberculous patients during antitubercular chemotherapy and corticotherapy. Gruzlica 33 no.6:495-503 Je '65.

1. Z Kliniki Gruźlicy Płuc AM w Białymstoku (Kierownik: doc. dr. med. W. Pregowski).

MUSIC, Drago, Dr.

Organization of Public Health Centers at Ljubljana. Higijena,
Beogr. 7 no.1-4:20-24 1955.

1. Poliklinika. Ljubljana.

(PUBLIC HEALTH

org. of Public Health Centers in Yugosl. (Sl))

MUSIC, Drago, dr. (Ljubljana)

Why do patients often seek medical aid late and why do physicians delay medical treatment? Med. glas. 17 no.8:285-292
Ag-S'63

S

MUSIC, 5

MUSTE, J.; ADAM, M.

Division of Clinical Biochemistry of the Faculty Hospital (Oddeleni
klinicke biochemie fakultni nemocnice), Prague 10. chief: J. Opelt,
MD et RNDr. Research Institute for Rheumatic Diseases (Vyzkumny ustav
chorob revmatickych), Prague, director: Prof. Dr. Fr. Lencok, Doc

Prague, Fysiatricky Vestnik, No 1, 1963, pp 22-26

"The Relation of Serum Glycoproteins to the Mucopolysaccharides of the
Connective Tissue"

19310, 1.

Some characteristic principles of Soviet culture. p. 11. V. I. Lenin, *Collected Works*, Vol. 5, no. 2, Jul. 1954. Leningrad, Yermolenko.

Scientific List of East European Academics, (Soviet), 19, Vol. 1, no. 1, Apr 1954, Uchi.

MUSIC, L.

Effects of growing wood on forest culture. L. G.
NOVA PR INTODUCA, Lib. Ljuna, Vol. 5, W. 5, 197. 1-4.

SO: Monthly List of East European Accessions, (LJAL, Lj, Vol. 5, W. 5, 197. 1-4),
Encl.

MUSICH, N.I. ; DADYKIN, V.P. : otr. red.

[Fertilizers and their use in Yakutia] Udobreniia i ikh pri-
menenie v Iakutii. Otvet. red. V.P. Dadykin. Iakutsk, Iakut-
skoe knizhnoe izd-vo, 1954. 34 p. (MIRA 15:8)
(Yakutia. Fertilizers and manures)